FORM PTO-1449 (Modified) Attorney Docket No. Serial No.: 16930-000811US 08/889,355 LIST OF PATENTS AND PUBLICATIONS FOR Applicant: HEIDRUN ENGLER et al. APPLICANT'S INFORMATION DISCLOSU STATEMENT (Use several sheets if neces MARy 0 2 1998 & Filing Date: 7/8/97 Group: To be Assigned Reference Designation U.S. PATENT DOCUMENTS Examiner Document No. Name Class Sub-Filing Date Date Initial class Appropriate) MW AA 5,013,556 05/07/91 Woodle et al. 37/22 A61K NW AB Low et al. 04/28/92 5,108,921 C12N 5/00 WW AC Wu et al. 5,166,320 11/24/92 C07K 3/00 DA CUN 5,213,804 05/25/93 Martin et al. A61K 9/127 WW AE 5,279,833 01/18/94 Rose A61K 37/22 hw AF 5,283,185 02/01/94 Epand et al. 15/64 C12N CuM AG 5,334,761 08/02/94 Gebeyehu et al. C07C 233/36 MA CW 5,346,701 09/13/94 Heiber et al. A61F 13/02 w ΑI 5,521,291 05/28/96 Curiel et al. C07K 16/08 W ΑJ 5,542,935 08/06/96 Unger et al. A61M 5/00 WW AK 5,552,309 09/03/96 March A01N 63/00 MW AL 5,554,386 09/10/96 Groman et al. A61K 47/26 WW AM 5,578,475 11/26/96 Jessee C12N 15/64 WW AN 12/03/96 5,580,859 Felgner et al. A01N 43/04 WW AO 5,589,466 12/31/96 Felgner et al. A61K 48/00 WW! AΡ 5,601,818 02/11/97 Freeman et al. A61K 48/00 lul AO 5,631,236 05/20/97 Woo et al. A61K 48/00 FOREIGN PATENT DOCUMENTS Document No. Date Country Class Sub-Translation (yes/no) class WW AR WO 92/06180 04/16/92 WIPO C12N 7/00 WW AS WO 93/14188 07/22/93 C12N 5/00 WIPO WD AT WO 93/19768 10/14/93 WIPO A61K 37/00 hwo ΑU WO 93/20221 10/14/93 WIPO C12N 15/86 lun ΑV WO 94/06922 · 03/31/94 WIPO C12N 15/87 WO 94/06923 AW 03/31/94 WIPO C12N 15/87 WIPO

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• STATEMENT (Use several sheets if necessary)		Filing Date: 7/8/97	Group: To be Assigned			
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
MW AZ	Abe, A. et al., "Transduction of a Drug-Sensitive Toxic Gene into Human Leukemia Cell Lines with a Novel Retroviral Vector," <u>P.S.E.B.M.</u> 203:354-359 (1993)					
<u>Ww</u> .ba	Arteaga, C.L. et al., "Tissue-targeted Antisense c-fos Retroviral Vector Inhibits Established Breast Cancer Xenografts in Nude Mice," <u>Cancer Research</u> 56:1098-1103 (1996)					
₩ вв	Banerjee, A. et al., "Changes in Growth and Tumorigenicity following Reconstitution of Retinoblastoma Gene Function in Various Human Cancer Cell Types by Microcell Transfer of Chromosome 13," <u>Cancer Research</u> 52:6297-6304 (1992)					
IM BC	Bass, C. et al., "Recombinant adenovirus-mediated gene transfer to genitourinary epithelium in vitro and in vivo," <u>Cancer Gene Ther.</u> 2(2):97-104 (1995)					
<u>М</u> и во	Blixt, Y. et al., "Enhancement of intracellular uncoating of adenovirus in HeLa cells in the presence of benzyl alcohol as a membrane fluidizer," <a href="https://example.com/Arch.Virol.129:265-277">Arch. Virol. 129:265-277</a> (1993)					
<u>[mu]</u> BE	Boulikas, "Gene Therapy of Prostate Cancer: p53, Suicidal Genes, and Other Targets," <u>Anticancer Research</u> 17:1471-1506 (1997)					
MW BF	Brewster, S.F. et al., "Gene Therapy in Urological Oncology: Principles, Strategies and Potential," <u>Eur. Urol.</u> 25:177-182 (1994)					
<u>WW</u> BG	Cairns, P. et al., "Loss of heterozygosity at the RB locus is frequent & correlates with muscle invastion in bladder carcinoma," <a href="https://doi.org/10.2006/journal.com/">Oncogene</a> 6:2305-2309 (1991)					
<u>ш</u> вн	Cooper, M.J. et al., "Safety-modified episomal vectors for human gene therapy," Proc. Natl. Acad. Sci. U.S.A. 94:6450-6455 (1997)					
MM) BI	Curiel, D.T. et al., "Adenovirus enhancement of transferrin-polylysine-mediated gene delivery," <a href="Proc.Natl.Acad.Sci.U.S.A.">Proc. Natl. Acad. Sci. U.S.A.</a> 88:8850-8854 (1991)					
<u>И</u> Ш вј	Dalesandro, J. et al., "Cardiac and Pulmonary Replacment," <u>J. Thoracic Cardio.</u> <u>Surg.</u> 111(2):416-422 (1996)					
вк	Fujimoto, K. et al., "Frequent Association of p53 Gene Mutation in Invasive Bladder Cancer," <u>Cancer Research</u> 52:1393-1398 (1992)					
AM BL	Ginsberg, H.S. et al., "Role of early region 3 (E3) in pathogenesis of adenovirus disease," <a href="Proc. Natl. Acad. Sci. U.S.A.">Proc. Natl. Acad. Sci. U.S.A.</a> 86:3823-3827 (1989)					
Ш вм	Good, N.E. et al., "Hydrogen Ion Buffers for Biological Research," <u>Biochemistry</u> 5(2):467-477 (1966)					
MW BN	Goodrich, D.W. et al., "Expression of the Retinoblastoma Gene Product in Bladder Carcinoma Cells Associates with a Low Frequency of Tumor Formation," <u>Cancer Research</u> 52:1968-1973 (1992)					
MW BO	Greney, H. et al., "Characterizatino of Imidazoline Binding Protein(s) Solubilized from Human Brainstem: Studies with [3H]Idazoxan and [3H]Clonidine," Neurochem. Int. 25(2):183-191 (1994)					

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. MUBP	Greenberg, R. et al., "Intravesical AD32 (N-Trifluoroacetyladriamycin-14-Valerate) in the Treatment of Patients with Refractory Bladder Carcinoma - Clinical Efficacy, Pharmacology, and Safety," <a href="Proc. Am. Urol. Assoc.">Proc. Am. Urol. Assoc.</a> 153 Supp 233A:19 (1995)				
MW BQ	Hemström, C. et al., "Gene Product of Region E4 of Adenovirus Type 5 Modulates Accumulation of Certain Viral Polypeptides," <u>J. Virol.</u> 62(9):3258-3264 (1988)				
WW BR	Huang, S. et al., "A cellular protein that competes with SV40 T antigen for binding to the retinoblastoma gene product," <u>Nature</u> 350:160-162 (1991)				
WW BS	Ji, W. et al., "Inhibition of hepatitis B virus by retroviral vectors expressing antisense RNA," <u>J. Viral Hep.</u> 4:167-173 (1997)				
MW BT	Kaneda, Y. et al., "Prevention of Restenosis by Gene Therapy," <u>Annals N.Y. Acad.</u> <u>Sci.</u> 811:299-310 (1997)				
MU BU	Koç, O.N. et al., "Transfer of Drug Resistance Genes Into Hemotopoietic Progenitors to Improve Chemotherapy Tolerance," <u>Sem. Oncol.</u> 23(1):46-64 (1996)				
MW BV	Lee, R.J. et al., "Lipidic Vector Systems for Gene Transfer," <u>Crit. Rev. Ther.</u> <u>Drug Carrier Sys.</u> 14(2):173-206 (1997)				
IW BW	Li, Q. et al., "Assessment of Recombinant Adenoviral Vectors for Hepatic Gene Therapy," <u>Hum. Gene. Ther.</u> 4:403-409 (1993)				
im) bx	Makarov, S.S. et al., "Suppression of experimental arthritis by gene transfer of interleukin 1 receptor antagonist cDNA," <a href="Proc. Natl. Acad. Sci. U.S.A.">Proc. Natl. Acad. Sci. U.S.A.</a> 93:402-406 (1996)				
Im BY	Marshall, E., "Gene Therapy's Growing Pains," <u>Science</u> 269:1050-1055 (1995)				
hm BZ	Miller, N. et al., "Targeted vectors for gene therapy," <u>FASEB J.</u> 9:190-199 (1995)				
WW CA	Monson, F.C. et al., "Indigocarmine as a quantitative indicator of urothelial integrity," <u>J. Urol.</u> 145:842-845 (1991)				
Min CB	Morris, B.D. et al., "Adenoviral-mediated gene transfer to bladder <i>in vivo</i> ," <u>J.</u> <u>Urol.</u> 152:506-509 (1994)				
Mw cc	Murayama, Y. et al., "Antisense Oligonucleotides to p53 Tumor Suppressor Suppress the Induction of Apoptosis by Epidermal Growth Factor in NCI-H 596 Human Lung Cancer Cells," <u>Antisense Nucl. Acid Drug Devel.</u> 7:109-114 (1997)				
(WW) CD	Niidome, T. et al., "Binding of Cationic $\alpha$ -Helical Peptides to Plasmid DNA and Their Gene Transfer Abilities into Cells," <u>J. Biol. Chem.</u> 272(24):15307-15312 (1997)				
MIN CE	Nolta, J.A. et al., "Transduction of pluripotent human hematopoietic stem cells demonstrated by clonal analysis after engraftment in immune-deficient mice," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 93:2414-2419 (1996)				
<u>ſ₩</u> CF	Parsons, C.L. et al., "Bladder surface glycosaminoglycans: an epithelial permeability barrier," <u>J. Urol.</u> 143:139-142 (1990)				

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nw <sub>cg</sub>	Pinnaduwage, P. et al., "Use of a quaternary ammonium detergent in liposome mediated DNA transfection of mouse L-cells," <u>Biochim. Biophys. Acta</u> 985:33-37 (1989)				
<u>Мт</u> СН	Plank, C. et al., "The Influence of Endosome-disruptive Peptides on Gene Transfer Using Synthetic Virus-like Gene Transfer Systems," <u>J. Biol. Chem.</u> 269(17):12918-12924 (1994)				
m ci	Raper, S.E. et al., "Safety and Feasibility of Liver-Directed <i>Ex Vivo</i> Gene Therapy for Homozygous Familial Hypercholesterolemia," <u>Annals Surgery</u> 223(2):116-126 (1996)				
Ŭw CJ	Rosenberg, S.A., "The Immunotherapy and Gene Therapy of Cancer," <u>J. Clin. Oncol.</u> 10(2):180-199 (1992)				
¿w CK	Sandberg, J.W. et al., "Improving Access to Intestinal Stem Cells as a Step Toward Intestinal Gene Transfer," <u>Human Gene Therapy</u> 5:323-329 (1994)				
W CL	Spandidos, D.A. et al., "Expression of the Normal H-rasl Gene can Suppress the Transformed and Tumorigenic Phenotypes Induced by Mutant ras Genes," <u>Anticancer Research</u> 10:1543-1554 (1990)				
<u>(m)</u> cm	Takahashi, R. et al., "The retinoblastoma gene functions as a growth and tumor suppressor in human bladder carcinoma cells," <a href="https://example.com/Proc. Natl. Acad. Sci. U.S.A.88:5257-5261">Proc. Natl. Acad. Sci. U.S.A.88:5257-5261</a> (1991)				
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<u>um</u> co	Wills, K.N. et al., "Development and Characterization of Recombinant Adenoviruses Encoding Human p53 for Gene Therapy of Cancer," <u>Hum. Gene Ther.</u> 5:1079-1088 (1994)				
WW CP	Wills, K.N. et al., "Gene therapy for hepatocellular carcinoma: Chemosensitivity conferred by adenovirs-mediated transfer of the HSV-1 thymidine kinase gene," <u>Cancer Gene Ther.</u> 2(3):191-197 (1995)				
Mm CO	Wu, G.Y. et al., "Receptor-mediated Gene Delivery and Expression in Vivo," <u>J.</u> <u>Biol. Chem.</u> 263(29):14621-14624 (1988)				
CR CR	Xiao, X. et al., "Adeno-associated virus (AAV) vector antisense gene transfer in vivo decreases GABA, $\alpha_1$ containing receptors and increases inferior collicular seizure sensitivity," <u>Brain Res.</u> 756:76-83 (1997)				
CS CS	Yew, N.S. et al., "Optimization of Plasmid Vectors for High-Level Expression in Lung Epithelial Cells," <u>Human Gene Therapy</u> 8:575-584 (1997)				
W CT	Cancer Facts & Figures 1995, <u>Am. Canc. Soc.</u> 5-11 (1995)				
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.